

Activity 6

If your class was 100 people....

Activity focus

In this activity, students will explore relative frequencies (percentages, proportions). Students will calculate the percentage of people in the class who support the top 5 teams (from the class census in Activity 1). Students will colour in the appropriate number of figures to visually represent the percentages they have calculated.

What you will need

- Data from Activity 1 on the favourite teams of the class
- Internet access is recommended
- Whiteboard/paper and coloured markers

Statistical concepts

Relative frequency, percentage, proportion

Activity instructions

- Using the data from Activity 1, calculate the **percentage** and **proportion** for each of the top 5 teams. Which team has the most supporters in your class?
- Colour in the “100 people” picture to represent your percentages. Discuss the visual representation of the data – is it easier to understand?

Additional information

- For further information on percentages and proportions, see the ABS Statistical Language web pages:

<http://www.abs.gov.au/statlanguage>

- Definitions are provided in the Facilitator Guide, and are also available on the ABS Statistical Language web pages.



FOOTY STATS ACTIVITY 6 – Instructions